

Claims

- [c1] What is claimed is:
- 1.A digital camera for generating device-dependent print data to a printer, the digital camera comprising:
- a housing having an opening at a front end for receiving incident light;
- a sensor installed at a rear end of the housing for detecting the incident light so as to generate raw data;
- a printer manager having a converter for converting the raw data into the device-dependent print data; and
- an I/O driver for outputting the device-dependent print data to the printer so that the printer is capable of printing the device-dependent print data.
- [c2] 2.The digital camera of claim 1 further comprising an encoder for encoding the raw data into encoded data, and a memory device for storing the encoded data.
- [c3] 3.The digital camera of claim 2 wherein the encoded data is stored in a joint photographic experts group (JPEG) format.
- [c4] 4.The digital camera of claim 2 wherein the encoded data is stored in a graphics interchange format (GIF).
- [c5] 5.The digital camera of claim 2 wherein the encoded data is stored in a bitmap (BMP) format.
- [c6] 6.The digital camera of claim 2 wherein the encoded data is stored in a tag image file format(TIFF).
- [c7] 7.The digital camera of claim 2 wherein the printer manager decodes the encoded data to re-generate the raw data.
- [c8] 8.The digital camera of claim 1 wherein the converter converts the raw data into gray-level image data and converts the gray-level image data into the print data.
- [c9] 9.The digital camera of claim 1 wherein the converter converts the raw data into cyan-magenta-yellow-black (CMYK) image data and converts the CMYK image

data into the print data.

[c10] 10.The digital camera of claim 1 further comprising a user interface for controlling operations of the digital camera.